

# **Standard Operating Procedures for Ship's Force Protocol**

**LG #9B**

# Limited Asbestos Floor Tile Removal

- This SOP covers removal of a limited amount of asbestos-containing floor tile.
- Limited amount is defined as nine square feet of tile (about 9 tiles)
- Intent is operational--not to improve aesthetics of a space



# Stowage

- ★ **Stow asbestos-containing materials (ACM) in sealed impermeable containers**
- ▢ **Ensure asbestos warning labels affixed to containers**
- ▢ **Ensure stowage areas for asbestos labeled accordingly**
- ▢ **Stow waste material for ashore offload**



# Personal Protective Equipment (PPE)

- ★ **No respiratory protective equipment is required for this SOP**
- **Wear disposable gloves for this action**
  - Surgical gloves are prohibited
  - Use gloves from AEL2-2330024045, Appendix B1-J of OPNAVINST 5100.19 (series)



# Important Note

❖ **DO NOT consume food or beverages, chew gum or tobacco, smoke, or apply cosmetics during maintenance operations!**

# Tile Removal Procedures

## ★ Cordon off area around tile to be removed

- Use rope or tape
- Post appropriate asbestos warning signs

## ▢ Remove floor tiles with

- Putty knife
- Spatula
- Heat guns



# Tile Removal Procedures

- ❖ **DO NOT use power tools to remove tiles**
- ▢ **Avoid breaking tiles, if possible**
  - Reduces potential for asbestos fiber release
- ▢ **Place removed tiles into suitably colored and marked container**



# Mastic Removal Procedures

★ **Remove by using wet methods**

☐ **Mastic remover may be required**

- Ensure authorization of remover by Ship's Hazardous Material List (SHML)
- Consult MSDS for hazards
- Wear appropriate PPE for Hazmat
- Use in accordance with instructions



# Tile Replacement

★ **Use non-asbestos-containing replacement tiles, if possible**

□ **If tiles contain asbestos**

- Dispose of tile residue and debris as ACM
- Wipe up debris with damp rags

□ **Tile still useable:**

- Replace in asbestos-labeled container and secured



# Cleaning up

- ▣ Vacuum area with HEPA vacuum  
--and/or--
- ▣ Wet wipe all dusty surfaces
- ▣ Remove gloves and dispose of as ACM
- ▣ Clean and decontaminate all tools with damp rags
  - Dispose of rags as ACM



## **Cleaning up (continued)**

- ❖ **Personnel shall wash their hands upon completion of tile/mastic removal actions and before eating, drinking, chewing gum or tobacco, or applying cosmetics**



# Offload

## ★ Handle as ACM:

- Removed and scrap tile and mastic material
- Rags used for cleaning
- Disposable clothing and respirators (used in conjunction with mastic remover)



# Offload

## ❖ **Double-bag ACM in red, labeled asbestos bags**

- Thoroughly wet waste
- Use HEPA vacuum to draw out air prior to sealing
- Seal both bags with “J” or goose-neck seal

## ▢ **Label waste bags per local requirements**



# Medical Surveillance

- ❖ **No medical surveillance is required for tile and mastic removal operations**



# Training

## **■ All personnel performing ACM gasket/packing material operations:**

- Shall be trained on this SOP**
- Accomplished according to Appendix B1-E of OPNAVINST 5100.19 (series)**
- Accomplished by safety officer, engineering officer, EART or IMA member**
- Accomplished as on-the-job training**
- Training documented in service record**